

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|---|------------------|---------|------------------|
| S1 | 2 | "20050105902".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/11 09:22 |
| S2 | 9 | alavie-tino.in. or alavie-tino-\$.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/05 16:40 |
| S3 | 3 | ((("5712716") or ("6052499") or ("6067187"))).PN. | US-PGPUB; USPAT | OR | OFF | 2006/10/05 16:40 |
| S6 | 2 | ep-984580-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/05 16:42 |
| S7 | 2 | "6782203".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/05 16:42 |
| S8 | 11 | ("20020150329" "5493625" "5680490" "5712716" "5808763" "5841919" "5912749" "6052499" "6094296" "6281997" "6714702").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/05 16:43 |
| S9 | 28 | ("6281997").URPN. | USPAT | OR | OFF | 2006/10/05 17:02 |
| S10 | 800 | band\$1 near2 (demux\$4 or demultiplex\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/05 17:26 |
| S11 | 716199 | circulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/11 09:20 |
| S12 | 21680 | tun\$4 near2 filter\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/05 17:27 |
| S13 | 23487 | tun\$4 near2 (grating\$1 or filter\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/05 17:27 |
| S14 | 23881 | tun\$4 near2 (etalon\$1 or grating\$1 or filter\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/10 15:02 |
| S15 | 34 | S10 same S11 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/05 17:27 |
| S16 | 14 | S10 same S14 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/05 17:28 |
| S17 | 1 | S15 and S16 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/05 17:27 |
| S18 | 225 | S10 and S11 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/05 17:28 |

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|-----|--------|--|---|----|-----|------------------|
| S19 | 80 | S14 and S18 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/10 15:03 |
| S20 | 804 | band\$1 near2 (demux\$4 or demultiplex\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/11 09:19 |
| S21 | 717170 | circulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/10 14:45 |
| S22 | 228 | S20 and S21 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/10 14:45 |
| S23 | 3307 | band\$1 with (demux\$4 or demultiplex\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/10 15:02 |
| S24 | 554 | S21 and S23 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/10 15:02 |
| S25 | 23909 | tun\$4 near2 (etalon\$1 or grating\$1 or filter\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/10 15:03 |
| S26 | 173 | S24 and S25 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/10 15:03 |
| S27 | 23909 | tun\$4 near2 (etalon\$1 or grating\$1 or filter\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/11 09:18 |
| S28 | 82 | S27 and S22 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/10 15:03 |
| S29 | 91 | S26 not S28 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/10 17:23 |
| S30 | 153 | leung-christina-\$.xa. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/10 17:23 |
| S31 | 14 | S25 and S30 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/10 17:23 |
| S32 | 5 | ("5136671" "5557442" "5832154" "6278536" "6348984").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/10 17:25 |
| S33 | 23909 | tun\$4 near2 (etalon\$1 or grating\$1 or filter\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/11 09:19 |

EAST Search History

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|-----|---------|---|---|----|-----|------------------|
| S34 | 1638206 | (etalon\$1 or grating\$1 or filter\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/11 09:19 |
| S35 | 1639538 | (etalon\$1 or grating\$1 or filter\$1 or fbg\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/11 09:19 |
| S36 | 61755 | (demux\$4 or demultiplex\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/11 09:19 |
| S37 | 717170 | circulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/11 10:07 |
| S38 | 672 | S35 same S36 same S37 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/11 10:07 |
| S39 | 58 | (US-20050105902-\$ or US-20050232627-\$ or US-20030108283-\$ or US-20020150329-\$ or US-20030026529-\$ or US-20030206689-\$ or US-20050238283-\$ or US-20020093707-\$ or US-20040008931-\$ or US-20050111495-\$ or US-20030007209-\$ or US-20040197097-\$).did. or (US-7106974-\$ or US-7058256-\$ or US-6208443-\$ or US-6204946-\$ or US-6201909-\$ or US-7031613-\$ or US-6614569-\$ or US-5608825-\$ or US-5706375-\$ or US-6292603-\$ or US-6288810-\$ or US-6388783-\$ or US-5909295-\$ or US-6714702-\$ or US-6996307-\$ or US-6959153-\$ or US-6122096-\$ or US-6559988-\$ or US-6256433-\$ or US-6041152-\$ or US-6313933-\$ or US-7085447-\$ or US-5680490-\$ or US-6040932-\$ or US-6567196-\$ or US-6516112-\$).did. or (US-5825520-\$ or US-6760532-\$ or US-6895184-\$ or US-6281997-\$ or US-6201907-\$ or US-6782203-\$ or US-6404948-\$ or US-6317539-\$ or US-6144784-\$ or US-6912340-\$ or US-5748350-\$ or US-6829438-\$ or US-6687423-\$ or US-6602000-\$ or US-6310703-\$ or US-6348984-\$).did. or (EP-1077552-\$).did. or (JP-2000266948-\$ or JP-2000115075-\$ or JP-2000321463-\$).did. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/04/09 10:06 |
| S40 | 100 | Alavie-Tino.in. Beckley-Keith.in. Leonard-Stephen.in. Xu-Ming-Gang.in. Alavie-Tino-\$.in. Beckley-Keith-\$.in. Leonard-Stephen-\$.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/09 09:23 |
| S41 | 43953 | (wavelength adj2 multiplex\$4) or wdm or dwdm | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/09 09:24 |
| S42 | 8 | S41 and S40 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/09 09:24 |
| S43 | 2 | "20040197097".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/09 10:42 |
| S44 | 2 | "20020141009".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/09 10:14 |

EAST Search History

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|-----|--------|--|---|----|-----|------------------|
| S45 | 48 | (US-20020150329-\$ or US-20030007209-\$ or US-20030026529-\$ or US-20030108283-\$ or US-20050232627-\$ or US-20040197097-\$ or US-20050105902-\$).did. or (US-6959153-\$ or US-6996307-\$ or US-7031613-\$ or US-7058256-\$ or US-6602000-\$ or US-5608825-\$ or US-5680490-\$ or US-5706375-\$ or US-5748350-\$ or US-5825520-\$ or US-5909295-\$ or US-6040932-\$ or US-6041152-\$ or US-6122096-\$ or US-6144784-\$ or US-6201907-\$ or US-6204946-\$ or US-6208443-\$ or US-6256433-\$ or US-6281997-\$ or US-6288810-\$ or US-6292603-\$ or US-6310703-\$ or US-6313933-\$ or US-6317539-\$ or US-6348984-\$).did. or (US-6388783-\$ or US-6516112-\$ or US-6559988-\$ or US-6614569-\$ or US-6912340-\$ or US-6714702-\$ or US-6760532-\$ or US-6782203-\$ or US-6895184-\$ or US-6687423-\$ or US-7085447-\$).did. or (EP-1077552-\$).did. or (JP-2000115075-\$ or JP-2000266948-\$ or JP-2000321463-\$).did. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/04/10 13:49 |
| S46 | 50872 | isolator\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:59 |
| S47 | 14 | S45 and S46 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:50 |
| S48 | 838 | band\$1 near2 (demux\$4 or demultiplex\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 14:02 |
| S49 | 879 | (coarse or band\$1) near2 (demux\$4 or demultiplex\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 13:57 |
| S50 | 24586 | tun\$4 near2 (grating\$1 or filter\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 13:57 |
| S51 | 744445 | circulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 13:58 |
| S52 | 722 | S50 same S51 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 13:58 |
| S53 | 13 | S49 and S52 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 14:01 |
| S54 | 6 | S46 same S49 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 14:01 |
| S55 | 65041 | (demux\$4 or demultiplex\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 14:02 |
| S56 | 406 | 398/87.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:22 |

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|-----|---------|---|---|----|-----|------------------|
| S57 | 14936 | 398/1-214.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 14:03 |
| S58 | 699 | S46 same S55 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 14:04 |
| S59 | 160 | S57 and S58 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:01 |
| S60 | 5923221 | prevent\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:03 |
| S61 | 8078 | S46 same S60 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:04 |
| S62 | 502 | S57 and S61 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:04 |
| S63 | 22 | S56 and S61 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:04 |
| S64 | 3936 | 385/24.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:22 |
| S65 | 124 | S49 and S64 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:22 |
| S66 | 269 | lin.in. and demultiplexer | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:48 |
| S67 | 31 | S57 and S66 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:48 |
| S68 | 11 | ("20020150329" "5493625" "5680490" "5712716" "5808763" "5841919" "5912749" "6052499" "6094296" "6281997" "6714702").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/10 15:48 |
| S69 | 2097 | broadband near2 filter\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:54 |
| S70 | 2533 | narrowband near2 filter\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:53 |
| S71 | 100 | S69 same S70 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:50 |

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|-----|--------|---|---|----|-----|------------------|
| S72 | 43976 | (wavelength adj2 multiplex\$4) or dwdm or wdm | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:51 |
| S73 | 21 | S71 and S72 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:51 |
| S74 | 18176 | narrow\$2 near2 filter\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:53 |
| S75 | 3539 | broad\$2 near2 filter\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:54 |
| S76 | 374 | S74 same S75 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:54 |
| S77 | 20 | S72 and S76 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 15:54 |
| S78 | 124546 | grating\$1 or fbg\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 16:00 |
| S79 | 42 | S45 and S78 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 16:00 |
| S80 | 12 | S49 and S79 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 16:00 |
| S81 | 3 | ("5283686" "5608825" "5748363").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/10 16:11 |
| S82 | 13 | array and S45 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/10 16:11 |
| S83 | 2 | ((("20040197097") or ("20020176134"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/10 16:16 |
| S84 | 2 | "20040197097".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 16:13 |
| S85 | 34498 | bragg or fbg or fbgs | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 17:02 |
| S86 | 190 | S85 and S56 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 16:28 |
| S87 | 17 | ("5048909" "5283686" "5461685" "5499308" "5608825" "5629995" "5652814" "5706375" "5712717" "5726785" "5737104" "5748350" "5754718" "5822095" "5841918" "5852505" "5859941").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/10 16:22 |

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|----------|--------|---|---|----|-----|------------------|
| S88 | 51 | ("5652814").URPN. | USPAT | OR | OFF | 2007/04/10 16:25 |
| S89 | 19 | S85 and S88 | USPAT | OR | OFF | 2007/04/10 16:25 |
| S90 | 799 | S85 and S64 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 16:29 |
| S91 | 512 | S55 and S90 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 16:30 |
| S92 | 68239 | (multiplex\$4 or demultiplex\$4).ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 16:30 |
| S93 | 151 | S91 and S92 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 16:30 |
| S94 | 32 | (US-20020150329-\$ or US-20030026529-\$ or US-20030108283-\$ or US-20040197097-\$ or US-20050105902-\$ or US-20020176134-\$).did. or (US-6602000-\$ or US-5608825-\$ or US-5748350-\$ or US-5825520-\$ or US-5909295-\$ or US-6040932-\$ or US-6041152-\$ or US-6144784-\$ or US-6201907-\$ or US-6256433-\$ or US-6281997-\$ or US-6288810-\$ or US-6317539-\$ or US-6516112-\$ or US-6912340-\$ or US-7085447-\$ or US-5457760-\$ or US-5793508-\$ or US-6424440-\$ or US-5557439-\$ or US-5579143-\$ or US-5712716-\$ or US-6388783-\$ or US-5652814-\$ or US-5943149-\$ or US-6263126-\$).did. | US-PGPUB; USPAT | OR | OFF | 2007/04/10 16:34 |
| S95 | 366960 | tun\$4 | US-PGPUB; USPAT | OR | OFF | 2007/04/10 16:34 |
| S96 | 20 | S94 and S95 | US-PGPUB; USPAT | OR | OFF | 2007/04/10 16:34 |
| S97 | 5 | ((("20040197097") or ("20020176134") or ("5457760") or ("5793508") or ("5579143"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/10 16:37 |
| S98 | 1044 | 398/82,84,87.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 16:37 |
| S99 | 191 | 398/34.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/15 16:53 |
| S10 0 | 638 | S98 not S56 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 16:37 |
| S10 1 | 3779 | S85 same S95 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 17:03 |
| S10 2 | 4360 | grating adj period\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 17:03 |
| S10 3 | 619 | S101 and S102 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 17:03 |

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|----------|--------|---|---|----|-----|------------------|
| S10 4 | 224913 | (refraction or refractive) near1 index | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 17:04 |
| S10 5 | 551 | S103 and S104 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 17:03 |
| S10 6 | 1276 | S102 same S104 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 17:04 |
| S10 7 | 307 | S101 and S106 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 17:05 |
| S10 8 | 66 | S101 same S106 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/10 17:05 |
| S10 9 | 5 | ((("20040197097") or ("20020176134") or ("5457760") or ("5793508") or ("5579143"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/15 15:07 |
| S11 0 | 3 | S109 and (osnr or snr or noise) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/15 15:09 |
| S11 1 | 2 | S109 and (array\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/15 16:52 |
| S11 2 | 140 | narrowband same (sharp\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/15 15:35 |
| S11 3 | 124632 | grating\$1 or fbg\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/15 15:35 |
| S11 4 | 27 | S112 and S113 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/15 15:39 |
| S11 5 | 3 | ((("5712716") or ("6052499") or ("6067187"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/15 15:42 |
| S11 6 | 0 | ep-0984580-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/15 15:42 |
| S11 7 | 2 | ep-984580-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/15 15:44 |
| S11 8 | 1 | ("20020012144").PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/15 15:44 |
| S11 9 | 11 | ("5305083" "6310703" "6504976" "651025").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/15 16:52 |

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|----------|-----|--------------|---|----|-----|------------------|
| S12 0 | 128 | 398/26.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/15 16:53 |
|----------|-----|--------------|---|----|-----|------------------|